



SEQUENCE LISTING

<110> BRUNE, Martin Hermann Klemens

<120> ASSAYS FOR NUCLEOSIDE DIPHOSPHATES AND TRIPHOSPHATES

<130> 2004-0248/WMC/01779

<140> 10/779,718

<141> 2004-02-18

<150> 09/937,296

<151> 2001-09-25

<150> PCT/GB00/01740

<151> 2000-05-05

<160> 2

<170> PatentIn Ver. 2.0

<210> 1

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<212> PRT

<213> Myxococcus xanthus

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Lys Gly Val Ile Gly Lys Ile Ile Ser Arg Phe Glu Glu Lys Gly Leu
20 25 30

Lys Pro Val Ala Ile Arg Leu Gln His Leu Ser Gln Ala Gln Ala Glu
35 40 45

Gly Phe Tyr Ala Val His Lys Ala Arg Pro Phe Phe Lys Asp Leu Val
50 55 60

Gln Phe Met Ile Ser Gly Pro Val Val Leu Met Val Leu Glu Gly Glu
65 70 75 80

Asn Ala Val Leu Ala Asn Arg Asp Ile Met Gly Ala Thr Asn Pro Ala
85 90 95

Gln Ala Ala Glu Gly Thr Ile Arg Lys Asp Phe Ala Thr Ser Ile Asp
100 105 110

Lys Asn Thr Val His Gly Ser Asp Ser Leu Glu Asn Ala Lys Ile Glu
115 120 125

Ile Ala Tyr Phe Phe Arg Glu Thr Glu Ile His Ser Tyr Pro Tyr Gln
130 135 140

Lys
145

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<212> PRT

<213> Myxococcus xanthus

<220>
 <221> mutagen
 <222> 112
 <223> native Asp replaced with Cys

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Met Ala Ile Glu Arg Thr Leu Ser Ile Ile Lys Pro Asp Gly Leu Glu
 1 5 10 15

Lys Gly Val Ile Gly Lys Ile Ile Ser Arg Phe Glu Glu Lys Gly Leu
 20 25 30

Lys Pro Val Ala Ile Arg Leu Gln His Leu Ser Gln Ala Gln Ala Glu
 35 40 45

Gly Phe Tyr Ala Val His Lys Ala Arg Pro Phe Phe Lys Asp Leu Val
 50 55 60

Gln Phe Met Ile Ser Gly Pro Val Val Leu Met Val Leu Glu Gly Glu
 65 70 75 80

Asn Ala Val Leu Ala Asn Arg Asp Ile Met Gly Ala Thr Asn Pro Ala
 85 90 95

Gln Ala Ala Glu Gly Thr Ile Arg Lys Asp Phe Ala Thr Ser Ile Cys
 100 105 110

Lys Asn Thr Val His Gly Ser Asp Ser Leu Glu Asn Ala Lys Ile Glu
 115 120 125

Ile Ala Tyr Phe Phe Arg Glu Thr Glu Ile His Ser Tyr Pro Tyr Gln
 130 135 140

Lys
 145